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1725

PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Frank L. Hall

Serial No.: 09/863,676

Filed: May 21, 2001

For: METHODS FOR PREPARING BALL
GRID ARRAY SUBSTRATES VIA USE OF
A LASER

Confirmation No.: 1281

Examiner: S. Heinrich

Group Art Unit: 1725

Attorney Docket No.: 2269-4718US
(00-0316.00/US)

CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

December 11, 2006
Date



Leta M. Howard
Name (Type/Print)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO/SB/08 be considered by the Examiner and made of record. Copies of any cited foreign patents, publications, or pending unpublished U.S. applications are enclosed pursuant to 37 C.F.R. § 1.98(a)(2).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an

admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

U.S. Patent Documents

<u>U.S. Patent No.</u>	<u>Publication Date</u>	<u>Patentee</u>
US - 4,953,385	09/04/1990	Aoki et al.

Foreign Patent Documents

<u>Document No.</u>	<u>Publication Date</u>	<u>Patentee</u>
JP 03018806A	01/28/1991	Nippon Telegraph & Telephone Corp

Other Documents

IBM Technical Disclosure Bulletin (TDS), "Short Cycle Prototype Three-Dimensional Molded Circuit Boards." January 1, 1991, Volume 33, Issue 8, page 304.

Applicant offers to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is filed after the mailing date of the final Office Action under 37 C.F.R. § 1.113, but before payment of the issue fee.

I hereby certify that no item of information contained in the Supplemental Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the statement. Pursuant to 37 C.F.R. § 1.97(d)(ii), Applicant hereby requests consideration of the accompanying Supplemental Information Disclosure Statement. The fee pursuant to 37 C.F.R. § 1.17(p) for consideration of this Supplemental Information Disclosure Statement is enclosed.

Respectfully submitted,



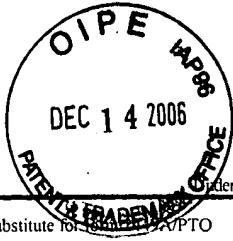
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Date: December 11, 2006

JRD/mah:lmh

Enclosures: Form PTO/SB/08 (2 pages)
Cited Non-U.S. Patent Documents (2 documents)
Check No. 10517 in the amount of \$180.00

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PTO/SB/08A (10-01)

Approved for use through 10/31/2006. OMB 0651-0031

Appended hereto through 11/15/2000. GINB 0051 0051
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Substitute for Form 1A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	09/863,676
Filing Date	May 21, 2001
First Named Inventor	Frank L. Hall
Group Art Unit	1725
Examiner Name	S. Heinrich
Attorney Docket Number	2269-4718US (00-0316.00/US)

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	09/863,676
<i>(use as many sheets as necessary)</i>		Filing Date	May 21, 2001
		First Named Inventor	Frank L. Hall
		Group Art Unit	1725
		Examiner Name	S. Heinrich
Sheet	2	of	2
		Attorney Docket Number	2269-4718US (00-0316.00/LJS)

NON PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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